2023-2024

PROJECTS MANAGEMENTS CONSULTANCY REPORT

Client: Executive Engineer, Yelahanka Division, BBMP, Bangalore.

Agency: Sri. T S Kothanda Raju (Proprietor R K Constructions, Proprietor Shree Charan Constructions), Bangalore.

Name of Work : Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04, BBMP, Bangalore.

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An ISO 9001: 2015 Certified Company

NABL Accredited as per ISO-17025: 2017 Laboratory

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(Building Geo-Tech & Highway Materials Testing Laboratory)

An ISO 9001-2015 Certified Company
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Name of Work : Construction of Rangamandira at Doddabettahalli Govt. School in Attur ward no.04, BBMP, Bangalore.

Name of Client	:	**Executive Engineer,** Yelahanka Division, BBMP, Bangalore.
Contractor/Agency	:	**Sri. Sri. T S Kothanda Raju (Proprietor R K Constructions, Proprietor Shree Charan Constructions),** Bangalore.
Total Bill Cost	:	Rs.97.58Lakhs
Date of Inspection	:	07.06.2023
Status of Bill	:	1st & Final Bill
In the Presence of	:	**Assistant Engineer (Ward No.04),** BBMP, Bangalore. (b) **Mr. Prajwal,** Engineer M/s. Civil Aim Consultants and Engineers, Bangalore.

PMC Report

Item No.	Description of the Item	Unit	Qnty	Comments / observations
1	Earth work excavation by manual means for drains,canals, waste weir draft, approach channels, key trench, foundation of Bridges and such similar	Cum	361.19	Work done up to the billed quantity and Quality is satisfactory
2	Providing and injecting chemical emulsion for Pre-constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches,	Sqm	112.70	Work done up to the billed quantity and Quality is satisfactory
3	Providing and Filling in foundation with granite / trap broken metal 100mm. and down size & with approved sand	Cum	33.81	Work done up to the billed quantity and Quality is satisfactory
4	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations and other similar works etc. in layers not exceeding 20cm in depth,	Cum	36.63	Work done up to the billed quantity and Quality is satisfactory

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬೆಂಗಳೂರು-106

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01, Satvika Nilaya, Opp. Widia Poorna Prajna [illegible],
naiah Layout, Nagasandra, Bangalore - 560 073.
9591618639, GSTIN: 29CNWPD9510K1ZB, Email: civilaimconsultants@gmail.com

5	Providing and laying in position plain cement concrete Mix 1:4:8(M5) Using 40 mm nominal size graded crushed coarse aggregates for levelling	Cum	165.04	Work done up to the billed quantity and Quality is satisfactory
6	Providing and laying in position Reinforced cement concrete M25 Using 20 mm nominal size	Cum	20.09	Work done up to the billed quantity and Quality is satisfactory
7	Providing and laying in position Reinforced cement concrete M25 Using 20 mm nominal size graded crushed coarse aggregates for all Sub structures of building, Irrigation works,	Cum	17.57	Work done up to the billed quantity and Quality is satisfactory
8	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates for all Super	Cum	2.16	Work done up to the billed quantity and Quality is satisfactory
9	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm nominal size graded crushed	Cum	20.32	Work done up to the billed quantity and Quality is satisfactory
10	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6	Cum	40.42	Work done up to the billed quantity and Quality is satisfactory
11	Providing and laying in position Reinforced cement concrete Mix 1:2:4 (M15) Using 20 mm nominal size graded crushed coarse aggregates for all Sub structures of building, Irrigation	Cum	68.20	Work done up to the billed quantity and Quality is satisfactory
12	Providing Thermo-Mechanically Treated bars of grade Fe-500D or more Steel reinforcement for R.C.C. work including straightening, cutting, bending,	Kgs	6626.15	Work done up to the billed quantity and Quality is satisfactory

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13	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum	Sqm	27.00	Work done up to the billed quantity and Quality is satisfactory
14	Providing and constructing load bearing wall with Solid Concrete	Sqm	29.01	Work done up to the billed quantity and Quality is satisfactory
15	Providing 20 mm cement plaster of mix :1:4 (1 cement: 4 fine sand) to brick/stone masonary including rounding off corners wherever required smooth	Sqm	58.32	Work done up to the billed quantity and Quality is satisfactory
16	Providing 20 mm cement plaster of mix :1:4 (1 cement: 4 fine sand) to brick/stone masonary including rounding off corners wherever required smooth rendering, providing and	Sqm	57.45	Work done up to the billed quantity and Quality is satisfactory
17	Providing 12 mm cement plaster with cement mortar 1:4 (1 cement: 4 fine sand) to brick masonry including rounding off	Sqm	19.96	Work done up to the billed quantity and Quality is satisfactory
18	Finishing walls with Acrylic Smooth exterior paint of required shade :New work (Two coat applied @ 1.67 ltr/10 m^2 over and including priming coat	Sqm	58.32	Work done up to the billed quantity and Quality is satisfactory
19	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications: Two coats	Sqm	77.42	Work done up to the billed quantity and Quality is satisfactory
20	Providing and applying white cement based putty of average thickness 1 mm, of approved	Sqm	135.74	Work done up to the billed quantity and Quality is satisfactory

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21	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all	Kgs	1869.21	Work done up to the billed quantity and Quality is satisfactory
22	Providing & fixing of 2-track x 2-panel sliding windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum	Sqm	2.25	Work done up to the billed quantity and Quality is satisfactory
23	Providing and fixing Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and	Kgs	1070.55	Work done up to the billed quantity and Quality is satisfactory
24	Painting with synthetic enamel paint of approved brand and manufacture to give an even	Sqm	210.60	Work done up to the billed quantity and Quality is satisfactory
25	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever	Kgs	1186.09	Work done up to the billed quantity and Quality is satisfactory
26	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all	Sqm	223.20	Work done up to the billed quantity and Quality is satisfactory
27	Providing and fixing Structural Steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting,	KGS	11520.00	Work done up to the billed quantity and Quality is satisfactory
28	Providing and laying non-asbestos high impact	Sqm	216.00	Work done up to the billed quantity and Quality is satisfactory

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29	Providing and Applying PU based Elastomeric Liquid Applied PU Waterproofing Membrane single component, cold applied, water based acrylic	Sqm	188.41	Work done up to the billed quantity and Quality is satisfactory
30	Earth work excavation by manual means In all kinds of soils Depth upto 1.5 m for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges	Cum	36.71	Work done up to the billed quantity and Quality is satisfactory
31	Providing and laying in position Reinforced cement concrete M20 Using 20 mm nominal size graded crushed coarse	Cum	10.12	Work done up to the billed quantity and Quality is satisfactory
32	Supplying, Fitting and Placing TMT Fe 500 & above Reinforcement in Foundation / Substructure / Superstructure complete as per Drawing and	Tonne	0.61	Work done up to the billed quantity and Quality is satisfactory
33	Providing & laying precast drain cover slab of 100 mm thickness in CM 1:3 including cost of all materials, labour, curing, transportation, loading,	Sqm	22.50	Work done up to the billed quantity and Quality is satisfactory
34	Providing and fixing pre cast solid cement concrete kerb stones made out of M20 with	Nos	154.00	Work done up to the billed quantity and Quality is satisfactory
35	Painting Two Coats on New Concrete Surfaces Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces.	Sqm	24.22	Work done up to the billed quantity and Quality is satisfactory
36	Construction of Embankment by excavating the available approved Gravel/Murrum deposited at a place or borrow pits during or prior excavation	Cum	178.14	Work done up to the billed quantity and Quality is satisfactory

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37	Construction of Granular Sub-Base For Grading -II Material of required grading as per design mixing in a mechanical	Cum	118.76	Work done up to the billed quantity and Quality is satisfactory
38	Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement	Sqm	593.80	Work done up to the billed quantity and Quality is satisfactory
39	Supplying heavy gauge PVC conduit pipe…… dia confirming to IS 2509 with suitable size benda, junction boxes, adhesive paste etc., and fixing using inverted wood plugs	m	150.00	Work done up to the billed quantity and Quality is satisfactory
40	Supplying heavy gauge PVC conduit pipe…… dia confirming to IS 2509 with suitable size benda, junction boxes, adhesive paste etc., and	m	120.00	Work done up to the billed quantity and Quality is satisfactory
41	Supplying…… mm dia 2mm/2.5mm thick heavy gauge PVC conduit pipe with suitable size bends, metal/PVC junction boxes adhesive paste etc., and	m	150.00	Work done up to the billed quantity and Quality is satisfactory
42	Supplying…… mm dia 2mm/2.5mm thick heavy gauge	m	120.00	Work done up to the billed quantity and Quality is satisfactory
43	Groove cutting in the wall supplying…..dia 2mm/2.5mm thick heavy gauge PVC Conduit Pipe with bends, metal junction boxes adhesive paste etc., and	m	150.00	Work done up to the billed quantity and Quality is satisfactory
44	Groove cutting in the wall supplying…..dia 2mm/2.5mm thick heavy gauge PVC Conduit Pipe with bends, metal junction boxes adhesive paste etc., and bracing U or J hooks and	m	120.00	Work done up to the billed quantity and Quality is satisfactory

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45	Supplying and fixing sheet metal box made out of 18 SWG sheet metal with necessary holes for cable/conduit entry as required	Each	15.00	Work done up to the billed quantity and Quality is satisfactory
46	d)180x90x65mm	Each	15.00	Work done up to the billed quantity and Quality is satisfactory
47	e)200x90x65mm	Each	15.00	Work done up to the billed quantity and Quality is satisfactory
48	Supplying and fixing PVC/metal conduit accessories.(3/5) b)25mm	Each	20.00	Work done up to the billed quantity and Quality is satisfactory
49	c) 32mm deep junction box	Each	20.00	Work done up to the billed quantity and Quality is satisfactory
50	Supplying and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood, after due groove cutting, necessary	m	12.00	Work done up to the billed quantity and Quality is satisfactory
51	b)12"x9"x3" (300x228x76)	m	6.00	Work done up to the billed quantity and Quality is satisfactory
52	Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using	Each	10.00	Work done up to the billed quantity and Quality is satisfactory
53	b) Medium point above 3Mtr up to 6Mtr from tapping point to out let via switch (Each point)	Each	10.00	Work done up to the billed quantity and Quality is satisfactory
54	Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using copper PVC insulated multi strand 2x1.5Sqmm copper wire	Each	10.00	Work done up to the billed quantity and Quality is satisfactory
55	b) Medium point above 3Mtr up to 6Mtr from tapping point to out let via switch box	Each	10.00	Work done up to the billed quantity and Quality is satisfactory
56	Supplying and fixing superior quality modular switch	Each	10.00	Work done up to the billed quantity and Quality is satisfactory
57	Supplying and fixing of modular switch/ Socket/stepped	Each	4.00	Work done up to the billed quantity and Quality is satisfactory

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58	i) 32Amps DP switch	Each	4.00	Work done up to the billed quantity and Quality is satisfactory
59	j) 6/16Amps universal socket	Each	10.00	Work done up to the billed quantity and Quality is satisfactory
60	Supplying and fixing 32Amps security and energy saving DP switch with key tag suitable to operate on 230 Volts, 50Hz AC	Each	6.00	Work done up to the billed quantity and Quality is satisfactory
61	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single	m	220.00	Work done up to the billed quantity and Quality is satisfactory
62	c. 2.5 sqmm	m	180.00	Work done up to the billed quantity and Quality is satisfactory
63	d.4 sqmm	m	120.00	Work done up to the billed quantity
64	Supplying and fixing of PVC casing and capping on the wall or ceilng using necessary materials like bends, screws at an interval of 300mm .... Etc as required. 20mm.	m	10.00	Work done up to the billed quantity and Quality is satisfactory
65	Supplying PVC/GI flexible conduit pipe 20mm dia fixing on surface over inverted wooden plugs or phill plugs or rawl plugs and clamped using	Nos	10.00	Work done up to the billed quantity and Quality is satisfactory
66	Extra for supplying 4mm thick white plastic plate and covering for junction boxes of size 110mm conduit using necessary	Nos	10.00	Work done up to the billed quantity and Quality is satisfactory
67	Supplying a 50mm wooden plug, tapered from 50x50mm to 25x25mm and fixing by using	Nos	10.00	Work done up to the billed quantity and Quality is satisfactory

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68	Supplying & fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with	Each	5.00	Work done up to the billed quantity and Quality is satisfactory
69	Supplying & fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator	Each	10.00	Work done up to the billed quantity and Quality is satisfactory
70	Supplying & fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator	Each	10.00	Work done up to the billed quantity and Quality is satisfactory
71	Supplying and fixing of slim box fitting, made out of CRCA	Each	24.00	Work done up to the billed quantity and Quality is satisfactory
72	Supplying and fixing of T5 Fluorescent Tube with 14W power consumption with low 3mg Mercury content & below 40% glass content than T8 lamp	Each	24.00	Work done up to the billed quantity and Quality is satisfactory
73	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc, for operation on 230 V, 50 cycles. Single phase AC supply conforming to ISS-374- 1979	Each	8.00	Work done up to the billed quantity and Quality is satisfactory
74	Fixing a ceiling / Wall mounting fan of all capacities and all types to the existing 'S" hook with fan regulator to the existing board	Each	8.00	Work done up to the billed quantity and Quality is satisfactory
75	Supplying of recess mounting non integrated type LED down light..... W luminaire comprising of pressure decast/ extruded aluminium housing, with spring loaded false ceiling clA LED of	Each	20.00	Work done up to the billed quantity and Quality is satisfactory

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76	Fixing all types and all capacities of fluorescent /false ceiling /spot light / CFL / LED fittings indoor on the wall/ ceiling /rafters / girders using	Each	20.00	Work done up to the billed quantity and Quality is satisfactory

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